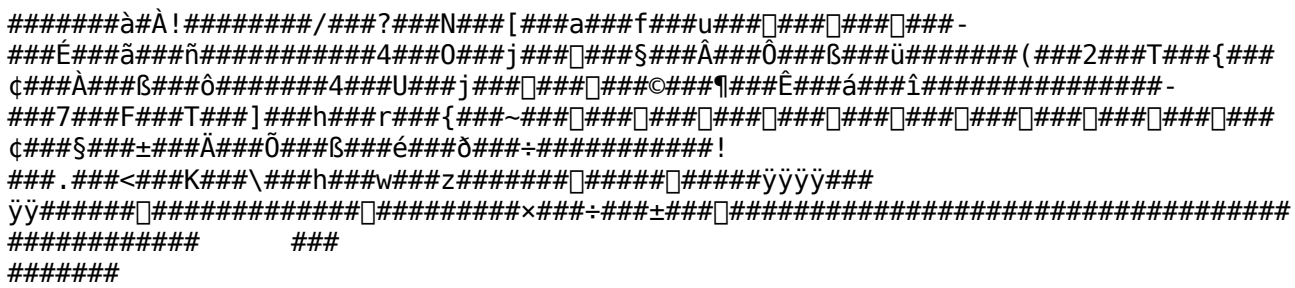

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#########################################################SUMMARY TITLE:
Maintenance Planning##SPECIFIC INSTRUCTIONS: Identify the general maintenance
planning philosophy and any maintenance actions that are known, including the
estimated times and maintenance level at which they will be performed.
Maintenance actions should be broken down into Preventive and Corrective
actions.  Known support requirements per action shall be identified also.  See
attachment (following page) for specific summary layout to use.##DATA IN LMI
SPECIFICATION  (Please provide the data product title):Item Name - 0480________
__________________________   _____________________Functional Group Code-0330
__________________________   _____________________CAGE - 0140_____________
__________________________   _____________________Reference Number - 1050_
__________________________   _____________________### DATA  NOT IN LMI
SPECIFICATION (Please provide the data product title, its definition  and
format): General Maintenance Plan (Narrative Field) - A description identifying
the broad, planned approach to be employed in sustaining the system/equipment.
Maintenance Plan Rationale (Narrative Field) - A description identifying any
background information leading up to the general maintenance plan.  Maintenance
Action (Narrative Field) - A short description identifying the required action
to be taken against the specified item (e.g., fault locate, repair,
remove&replace, etc.)  Estimated Time (Numeric Field) - Best engineering
estimate of time (in hours, decimals allowed) it will take to perform the given
maintenance action.  Maintenance Level (Narrative Field) - Identifies the level
of maintenance (e.g., Organizational, Intermediate, Depot, etc.) at which the
maintenance action will be done.Quantity Per Action:  Quantity of a given
support item required on-hand to fulfill the intended maintenance action.##
SUMMARY LAYOUT (if applicable):  Government Provided xx  Contractor Provided G##
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#########################################################MAINTENANCE PLANNING
SUMMARYPART I: MAINTENANCE PLAN AND RATIONALEGENERAL MAINTENANCE PLAN:
MAINTENANCE PLAN RATIONALE:#PART II:  PREVENTIVE MAINTENANCE REQUIREMENTS
SUMMARYFGC        ACTION      ESTIMATED TIME         MAINTENANCE LEVELPART III:
CORRECTIVE MAINTENANCE REQUIREMENTS SUMMARYFGC       ACTION      ESTIMATED TIME
            MAINTENANCE LEVELPART IV:  RESOURCE REQUIREMENTSFGC  ACTION
      REQUIREMENTS FOR SUPPORT ITEMS:                ITEM NAME    QTY/ACTION
REFERENCE NUMBER   CAGEFGC    ACTION      REQUIREMENTS FOR SUPPORT ITEMS:
            ITEM NAME     QTY/ACTION   REFERENCE NUMBER   CAGE###¤À!
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###########DATA PRODUCT DELIVERABLE:_Long Lead Time Items ListThis worksheet is
used to select data deemed necessary by the government.        Data should be
used to feed down stream government process.  SELECT         SELECT EXPLANATION
X            Data element required on all    A            As applicable    E
Registered Support Equipment Only                        F            Non-
Registered Support Equipment Only                    R            Repairables
only                                         P            All □P□ source code
items                                N            New □P□ source code items
    S            National Stock Number items                             O
□Ref□ items only                                         F            First
appearance items only                            C            COTS items
    I             NDI items                                               D
Developmental items                                L            LRU/WRA items
    S            SRA/SRU items                                           M
Packaging, Common items                            B            Packaging,
Bulk items                            E            Support Equipment
NOTE:  Other codes may be assigned by the program office as identified below.
       Program specific selections and explanations
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REQUIREMENTS####################################################################
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INSTRUCTIONS####################################################################
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###################LOGISTICS CONTENT OF EACH SECTION OF THE SOLICITATION OR
CONTRACTSECTION   LOGISTICS INPUTS  A.#None##  B.#All line items needed for
completing required logistics deliverables by the end of the applicable
acquisition phase, including option and warranty needs when applicable.##  C.#1.
Description (specifications), to the extent needed beyond the description of
line items in Section B, of logistics end items.###2. Work effort descriptions,
considering life cycle costs, for use in statement of work translating /
relating.##  D.#All packaging and marking not included in Sections C.##  E.#Any
peculiar inspection and/or acceptance criteria applicable to the logistics line
items in Section B.##  F.#The desired or required time period when each
logistics line item in Section B is to be delivered.##  G.#Normally none, unless
determined by contracting officer.##  H.#1. Title and/or description and any
special language needed for GFP and for controlling or incentivizing logistics,
technical, cost, or schedule performance, including special design to cost,
incentive, and warranty provisions.###2. Specific paragraphs for use in any
special provision for making sure logistics administration is accomplished. ##
I.#Normally none.##  J.#1. The logistics portion of the preliminary contract
work breakdown structure, including the interfaces among deliverable and non-
deliverable logistics elements, and descriptions of each logistics element.###2.
Support related inputs to life-cycle-cost mathematical models.###3. DID inputs
for technical data or logistics management data needs, including configuration
control data and integrated support plan.###4. Planned or assumed concepts,
ranges, schedules, etc., and inputs to assumptions. ###5. Support equipment
exhibits.###6. Provisioning requirements.##  K.#Normally none.##  L.#1. Any
instruction for making sure proposals:     a. Are responsive to logistics needs,
b. Provide alternative support solutions, and     c. Provide information
required for evaluating logistics under Section M.###2. Notification of any
logistics conditions or constraints.###3. Any historical information required
for the proposals.##  M.#The logistics evaluation factors for award, their order
of priority, and the recommend relative order of their importance in comparison
to all non-logistics evaluation factors. ####¤À!
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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########©###Good morning, my name is Joe Ketron and work with Jay Lasher at LOGSA. After Jay□s presentation, many of you may be wondering if there is any additional information out there to help people in acquisition logistics professions fields do there job in light of the new way of doing business.My presentation will cover one source of such information. I will be talking this morning about the Acquisition Logistics handbook. #

#################,#########################ÿ#ÿÿd#########d#########2####©öüW t#ÿÿ ###ÿÿ#####ÿ#ÿÿd#########d#############Purpose - Provide Acquisition Logistics professionals with general guidance on how to perform specific aspects of the jobAudience - Individual(s) within government responsible for managing and integrating logistics requirements for a systems acquisition

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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########ô###This slide depicts the purpose of this handbook and the target audience. As you can see, this handbook is targeted for government logistics professionals, but I believe that industry logistics professionals will find this handbook useful also.

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      t#ÿÿ ###ÿÿ#####ÿ□#ÿÿd#########d#########□###6 Main SectionsJoint Service
effort with LOGSA as the preparing activityEmphasis on readability and graphics
Many examplesKeep in step with DoD 5000.2-R#
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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########õ###LOGSA is the preparing activity for this handbook. But, this is a Joint Service effort with industry representation also.We are trying to make this document as easy to read and understand as possible; getting away from reams and reams of endless, monotonous text and focusing instead on conciseness, white space, graphics, and many examples. After all, this document is supposed to be used as a guidance tool, not a tool to put you to sleep.We also want to break two paradigms with this handbook: (1)logistics is separate from systems engineering -- no it is not -- look at DOD 5000.2-R. (2) Supportability analysis is a specific government imposed process. No, SA should be a partnering process between industry and govt; and it should be done in the most cost-effective way possible while still meeting govt needs. Quite often this may mean utilizing the contractor□s supportability analysis process.Finally, this document will keep in step with the current policy and terminology used in DOD 5000.2-R. .

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##ÿÿ####ÿÿ#####ÿ##ÿÿd#########d############# Section 4 - Systems Engineering and the Acquisition Process Section 5 - Supportability Analyses Section 6 - Developing Supportability Requirements Section 7 - Support Data Section 8 - Logistics Considerations for Contracting Section 9 - IPT Setup and Involvement

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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########□###These are the six sections of the handbook. The document starts with a broad scope in defining the acquisition logistics role within the system□s engineering process and then narrows it□s focus in the last four sections to cover areas such as developing logistics performance requirements, working in an IPT environment, utilizing the LMI specification, and logistics input to contracts.

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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########;###The focus of this section is twofold. First, this includes covering the Defense Systems Acquisition Process, the phases which make up that process, and how supportability issues might come into play in each phase. Second, is a discussion of the Systems Engineering process and how, on a high level scale, logistics activities, or supportability analysis, relates to the systems engineering process.   This also includes a discussion of the major supportability criteria -- Manpower, Readiness, and Cost -- and how they play a role in the systems engineering process. #

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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########h###This is a notional decision making flow chart which depicts the process that is used and questions that are asked to arrive at an acquisition decision. A couple of things to glean from this flow chart are (1) make the most cost-effective or best value decision. Don□t throw away money on a commercial or NDI buy if a non-materiel solution or a minor modification of an existing system can satisfy an operational need. (2) A development program is the last option that should be considered; all other options must be exhausted first -- it□s actually part of the Federal Acquisition Regulation and DOD 5000 series.

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ÿÿ####ÿÿ#####ÿ#ÿÿd#########d#########g###This is an overview of the Systems Engineering (SE) process. The SE process is used to translate operational users needs into requirements and requirements into designs which meet a programs performance, cost, and schedule requirements. The SE process follows a top-down progression of design refinement. It employs an iterative process in which operational requirements are translated into performance requirements for the functional elements of a system. Design alternatives for each of systems functional elements are identified and analyzed and the best combination of elements is the result. Systems Analysis and Control activities serve as a basis for evaluating alternatives, selecting the best solution, measuring progress, and documenting decisions. These activities include: trade-off studies among requirements, design alternatives, and other cost, performance and schedule related issues; Risk management; configuration management; data management; establishing performance metrics; and a structured program review for testing and verification to demonstrate program requirements have been accomplished. #

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D#ÿÿ ###ÿÿ#####ÿ##ÿÿd#########d#########*### Describes Supportability analyses and how it fits into the Systems Engineering process Discusses goals and application of Supportability analyses within the acquisition life cycle - Ensuring supportability as a performance requirement- Ensuring optimal support system design and infrastructure

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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d############Section 5 touches on the different types of acquisition strategies and how supportability analysis might be tailored to each type of strategy. Many steps in the process may fall out, or be significantly reduced if it is a commercial or NDI buy, versus a new start. Supportability analyses are also looked at relative to achieving there 2 main goals. First, to ensure supportability as a performance requirement that is addressed from the start and not as an afterthought. Second, to ensure optimal support system design. #

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      ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########e###The first goal of supportability analyses □ensuring□□, must be accomplished early in the life cycle. It would be almost impossible to get a support requirement added to a system spec after the fact.   Supportability requirements are driven by operational needs and life cycle cost reduction. There can be many operational needs which impose requirements on the support system -- these are called supportability factors. Listed on this slide are some common supportability factors.One other comment, normally requirements are expressed as thresholds (minimum acceptable value) and objectives (desired value) -- this is true for supportability requirements also. The range between the objective and the threshold is known as the □trade space□ -- so □what-if□ or sensitivity analysis can be done across all requirements to develop the best value set of requirements. #

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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########F###The second goal of SA, □ensuring optimal□□, is a support sywtem design which can deliver the required support and properly balance with other system elements to meet the user□s operational needs. The type of acquisition will have a significant impact on the design of support system. It will also have a big impact on what SA are needed and the level of detail required. DOD directions are to use commercial or NDI systems, if feasible, rather than a new development. And since these systems most likely have logistics products developed for them (e.g., operator and repair manuals; required support items), the SA should focus on evaluating whether that information is sufficient to implement a support system design. You may find out that the info is not sufficient. For instance, if you□re purchasing a Commercial item but there will be organic support responsibilities. You would need to identify hardware candidates for which organic support is required; conduct a repair level analysis; and perform a functional analysis and task analysis on repairable items based on LORA results.

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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########Û###This is a notional chart which shows some of the supportability questions/decisions that need to be addressed if a commercial or NDI item is being purchased. Remember though, always tailor the analyses to each program. #

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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########ß###This section focuses on developing performance requirements, specifically supportability and logistics requirements and parameters. Part of the discussion focuses on differences between performance requirements and design requirements, or requirements which contain □How To□ statements. Another part of this section provides sample performance requirements and poorly worded performance requirements. Other areas covered include supportability issues/requirements and metrics.#

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Sample Performance RequirementThe item, packed for shipping, will pass through a 5x3 ft. hatch, will not be damaged by up to a vertical 3 ft. drop onto a metal surface, and can withstand X pounds per square inch of pressure on all sides simultaneously.The goal is to identify the required outcomes, leaving the supplier free to provide the means and/or method that will produce the outcomes we want.#

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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########k###This is an example of a good performance requirement for packaging and shipping. Refer to above statement.#

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Operational Sustainability (Requirement) The portable control station will be capable of completing a sustained 4-day operation using only onboard equipment and spares without resupply or support from personnel other than the operators.(Verification) The operational test of the system will be used to verify the requirement is met. The test will consist of 2 systems performing 4 each of Scenario A, as identified in the ORD, and 2 each of Scenario B (surge), as identified in the ORD. Nine of the 12 scenarios must be fully executed without outside resupply/assisted maintenance. Additionally, at least one surge scenario must be completed without outside resupply/assisted maintenance.#

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Setting performance requirements is one step, making sure they have been met is another. In order to do this, metrics or verification methods must be developed and put in place. This example shows a requirement and the corresponding verification method that will be used to insure the requirement has been met.   m

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Operations and maintenance manpower constraints Personnel skill level constraints Target percentage of failures correctable at a maintenance   level Operating and support cost constraints Mean down time in operational environment Standardization and interoperability constraints Stockage levels of materiel#

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      ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########E###This is a sample list of supportability issues that could lead to supportability requirements being developed for a given system. There may be many others depending on the system□s operational and support needs (e.g., Max time to repair a specific component, transportability requirements, fault isolation % capability). #

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öìüW  ä#ÿÿ####ÿÿ#####ÿu#ÿÿd#########Z#########□###Characteristics of the LMI
SpecLife Cycle ApplicationExplanation of LMI Summaries and DataPurpose and
ContentExamplesHow to fill out the Work Sheets#
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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#############Section 7 touches on sources of support data, such as R&M, maintenance tasks, and training; but the main focus is on utilizing the LMI specification (Jay talked to you about) if that is your vehicle for getting some of your logistics information.This section discusses each of the summaries depicted in Appendix A in more detail than the spec goes into. It includes life cycle application for each summary and an example layout of what each summary might look like. But, we do not want you the logistician thinking these are the only formats that can be used for these summaries. Instead, these examples should be used as a starting point and adapt them to your specific program needs.This section also discusses the purpose, content, and life cycle application of the provisioning and support equipment data elements listed in appendix B. Finally, details are given on how to fill out the worksheets. Including, how to identify the summaries and the necessary provisioning and support equipment data elements you want.

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ÿÿ####ÿÿ#####ÿ�#ÿÿd#########d#########ª###This is a sample of one of the generic summaries shown in the handbook. Other types of data could have been incorporated in this report -- once again it�s just a sample.

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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#############The next 2 slides give you an idea of how a summary worksheet might be filled out. I’m not going into great detail on how to fill one of these out because that will be covered later this afternoon. The main thing I wanted to point out is the layout of the worksheet and that it is broken into 4 different sections. The middle 2 sections are used to specifically identify specific data wanted on the summary. The upper middle section is for data defined in the LMI, the lower middle is for data not in the LMI. And if you’ll take a look at the last section, this gives you the option to have the summary layout be provided by the govt or the contractor. Obviously, if it’s going to be provided by the govt, they or you will have to provide the layout -- and that may cost you extra money if you go this route, especially if the contractor will have to do special programming.One other thing, this worksheet and the worksheet for the data products DO NOT have to be used. If you can build a better mousetrap, so to speak, then do so.

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      ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########ô###This is the second part of the sample worksheet for the summary. The only reason it□s needed is because the layout was to be □govt Provided□-- so you have to include it. If you accept the contractor□s layout, then you wouldn□t need this page.

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      ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########□###This is the first page of the data product worksheet. Once again, I□m not going to spend much time discussing this since we will cover it this afternoon. And as I said earlier, if you can build or find a better worksheet -- use it. As a matter of fact, we know of one program office that took the 1949-3 used for -2B, stripped out unnecessary data elements, and applied it to the LMI.s

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öüW t#ÿÿ ###ÿÿ#####ÿ#ÿÿd#########d#########*###Focuses on Logistics inputs to the different parts of the Uniform Contract FormatEmphasis on Section C (Statement of Work), Section L (Instructions and Conditions to Offerors) and Section M (Evaluation Factors for Award)Differences between Statement of Work and Statement of Objectives approaches

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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########□###Section 8 basically takes the different sections of the Uniform Contract Format and focuses on possible logistics inputs for each part. Some parts of the contract will have no logistics input. The meat of this section is the discussion of logistics inputs to sections B, C, L and M of the contract.   One other note of interest, is the discussion in section C regarding two different approaches to work statements (SOWs and SOOs). Prior to acquisition reform, all SOWs were written in a very prescriptive, task oriented manner. Now, they should be stated in performance terms as much as possible. The SOO, which is used extensively by the AF, states the top level objectives and is provided in the RFP in lieu of a formal SOW. It should not be longer than 4 pages (AF) and is typically appended to Part L of the RFP. The offerors use the SOO to develop a statement of work and other documents required by the RFP.

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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########Ó###So, you□re wondering what this Uniform Contract Format looks like. Well this is it in a nutshell. This slide shows the different parts of the contract format along with some explanation of the different parts.#

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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########□###This figure summarizes possible logistics contents of each part of the Uniform Contract Format. As you can see (or maybe you can’t, this slide is in the Handbook if you happen to have it with you), there are possible logistics inputs to almost every part of the contract. Some of the highpoints include: Logistics Contract line Items (CLINs) in part B (e.g., trade studies, training, data, warranties, and tech manuals); Statement of Work in Part C to describe the scope of work when it can’t be adequately defined in Section B (and I’ve already mentioned the SOW vs. SOO approach); warranty logistics related clauses in Part H; List of Attachments in Part J which could include the Preliminary WBS (including the logistics portion), logistics data items, support inputs to the lifecycle cost model, support equipment exhibits, and provisioning requirements; Part L provides background info that helps contractors understand the overall scope and it also provides specific instructions for preparation of proposals (logistics constraints, request for alternative support solutions); and Part M contains logistics evaluation factors for awarding the contract.

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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########ô###Section 9 discusses Integrated Product Teams and the logistician's role in IPTs. The key is for a logistician to focus on the total life cycle and how a certain requirement, concept or design feature could affect the maintenance and sustainment of an item. This section provides help by listing questions a logistician should ask. These questions are broken into different categories that include programmatic, operational, product support, post-deployment, and commercial item related questions.

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#Ð###9###0#0###@#############¼#####2##□##©ölû□
¤#ÿÿ####ÿÿ#####ÿ##ÿÿd#########d#########|### Operational QuestionsWhat are the:Planned maintenance levels?Maintainer proficiency levels?Software maintenance plans?Limitations on evacuation of repairable items (battlefield, underground, rough handling)?Maintenance environment (weather, mud)?Supply support, support equipment needs, limitations?Training needs?Packaging, handling, storage and transportability needs?

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      ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########µ###The next few slides depicts some
of the questions that a logistician might want to ask for a given category.
This is a list for oprerating and maintaining the system in the field. u
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      ##ÿÿ####ÿÿ#####ÿ##ÿÿd#########d#########K###Product Support QuestionsWhat
are the:Technical data needs?Customer service, installation, checkout, and user
operation and maintenance instructions?Competitive or sole source repair and
support base?Training and training support requirements?Requirements for and
availability of tools, test equipment, computer support resources, calibration
procedures, operations, and maintenance manuals?Warranty procedures and
commercial repair capabilities?Manufacturer calibration, repair, and overhaul
practices and capabilities documentation?Manufacturer commitment to out-year
support.#
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      ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########¢###This is some of the questions
listed for product support.  These questions should help get you thinking about
the total support system and trying to optimize it.
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Commercial Item IssuesWhat is the reliability history of the product? In what environments?What are the maintainability features of the design? Are you able to support the item for the duration of expected military use?If the nondevelopmental item is to be used as part of a system, how do you perceive the criticality of interfacing with other subsystems?Is there a competitive market for contract repair and support?Is the proposed equipment covered by a warranty? What are the warranty□s provisions? What training is needed to operate and maintain your product? Will there be a problem with proprietary data? If so how can we avoid it? Are operator and maintenance manuals available and what levels of maintenance are covered?#

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ÿÿ####ÿÿ#####ÿ□#ÿÿd#########d#########c###These are some logistics related questions you might want to consider if a commercial item is being purchased. By no means, does the Handbook cover every logistics question that should be asked for a someone working on a program. But, there are many questions listed that should help you initiate the process to address logistics concerns for a program.a

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#####################################################-###□###2
Ô#,#`#####Ï#ó###maintenance actions that are known, including the estimated
times and maintenance level at which!###
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############################-###□###2
##,#a#######ó#6#they will be performed. Maintenance actions should be broken
down into Preventive and Corrective#

############################-###i###2
8#,#d#####3#ó#h#actions. Known support requirements per action shall be identified also. See attachment (following####

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#########################-###□###2
Ê#,#b#####Å#ó#ú#General Maintenance Plan (Narrative Field) - A description
identifying the broad, planned approach############
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`#,#W#####[#ó#□#Maintenance Plan Rationale (Narrative Field) - A description
identifying any background#%###
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ö#,#b#####ñ#ó#&# Maintenance Action (Narrative Field) - A short description
identifying the required action to be####%###

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(#,#S#######ó#X#taken against the specified item (e.g., fault locate, repair, remove&replace, etc.)#

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□#,#d#####□#ó#¼# Estimated Time (Numeric Field) - Best engineering estimate of time (in hours, decimals allowed) it########

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"#,#b#######ó#R#  Maintenance Level (Narrative Field) - Identifies the level of
maintenance (e.g., Organizational,####%###
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T#,#H#####O#ó#□#Intermediate, Depot, etc.) at which the maintenance action will be done.####

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¸#,#_#####³#ó#è#Quantity Per Action:  Quantity of a given support item required
on-hand to fulfill the intendedh########
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#################û#Öÿ######□#########Times New Roman#S¨ôw\¨ôw######0#####-
#######     ###############2###2
##############Ý#DATA PRODUCT
DELIVERABLE:_################################################
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      #####!#ð#2###j#ä#####-#######'#ÿÿ##############-###d###2
□###;#########Ý#Data should be used to feed down stream government process.#####
```

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      #####!#ð#K#####ä#####-#######'#ÿÿ##############-###□###2
a###M#########Ý#NOTE:  Other codes may be assigned by the program office as
identified below.#########
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#######ï#Ê#PRICES/COSTS############

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`#d#########ï#Ê#DESCRIPTION/SPECIFICATIONS/WORK#######################
      #############################

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#-#######2
□#d#

#######ï#Ê#STATEMENT#################################'#ÿÿ######################
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Å#d#########ï#Ê#PACKAGING AND
MARKING#########################################################'#ÿÿ############
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##d#########ï#Ê#INSPECTION AND
ACCEPTANCE#################################################################'#ÿÿ#
################################n#h#J#d################-###1###2
K#d#########ï#Ê#DELIVERIES OR
PERFORMANCE#################################################################'#ÿÿ
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□#d#########ï#Ê#CONTRACT ADMINISTRATION
DATA#####################################################################'#ÿÿ##
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Ñ#d#########ï#Ê#SPECIAL CONTRACT
REQUIREMENTS####################################################################
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##d#########ï#Ê#PART II. CONTRACT
CLAUSES#################################################################'#ÿÿ####
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CLAUSES##############################################'#ÿÿ######################
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III.##################################'#ÿÿ################################¾#ú#□#ù
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□#ù#########ï#Ê#LIST OF DOCUMENTS,
EXHIBITS#################################################################'#ÿ
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¼#ù#########ï#Ê#AND OTHER
ATTACHMENTS########################################################'#ÿÿ########
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!#d#########ï#Ê#LIST OF
ATTACHMENTSE####################################################'#ÿÿ############
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□#d#########ï#Ê#PART
IV.##############################'#ÿÿ##################################©#□#□
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□#ù# #######ï#Ê#REPRESENTATIONS AND
INSTRUCTIONS####################################################################
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§#ù#%#######ï#Ê#(INCLUDED IN SOLICITATIONS/RFPs
ONLY)################################################## #######
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#d#$#######ï#Ê#REPRESENTATIONS, CERTIFICATIONS,
AND#############################################################################
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.#d#########ï#Ê#OTHER STATEMENTS OF
OFFERORS######################################################################'#
ÿÿ################################¶#□#□#d###############-###7###2
□#d#########ï#Ê#INSTRUCTIONS, CONDITIONS,
AND#########################################################################'#ÿÿ
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´#d#########ï#Ê#NOTICES TO
OFFERORSE####################################################'#ÿÿ###############
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AWARD######################################################################'#ÿÿ#
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Á#d# #######ï#Ê#CONTRACT ATTACHMENT (i.e.,
SOWs)###########################################################
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4###A#########µ#LOGISTICS CONTENT OF EACH SECTION OF THE SOLICITATION OR CONTRACT###$#$#

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;#®#R###￿#6#ò#k#applicable acquisition phase, including option and warranty needs when applicable.######

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¨#®#^###□#£#ò#Ø#incentivizing logistics, technical, cost, or schedule performance, including special design to

```
#############################-###□###2
Ý#®#]###□#Ø#ò##interfaces among deliverable and non-deliverable logistics
elements, and descriptions of each#
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J#®#N###□#E#ò#z#   c. Provide information required for evaluating logistics under Section M.########################